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## UCSF SEP High School Intern Program

### Grant Award Details

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UCSF SEP High School Intern Program

**Grant Type:** Creativity Awards

**Grant Number:** TC1-05961

**Project Objective:** enroll full number of interns requested in the original application in each designated stream. implement a second discipline as planned in their original application for the students to take on (per their interest on the subject).

**Investigator:**

<b>Name:</b>	Katherine Nielsen
<b>Institution:</b>	University of California, San Francisco
<b>Type:</b>	PI

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**Award Value:** \$168,947

**Status:** Closed

### Grant Application Details

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**Application Title:** [REDACTED] SEP High School Intern Program

**Public Abstract:** With funding from CIRM, 18 high school students from backgrounds underrepresented in the sciences will have the opportunity to pursue a summer research project in stem cell biology at a major research university. Students will spend the bulk of their summer conducting research under the guidance of a mentor scientist. In addition, they will meet weekly to build strong ties with their peers and learn to: 1) successfully apply to college and for financial aid, 2) communicate in writing about their research, and 3) give a poster presentation and a scientific talk.

Alumni from this program have been shown to pursue careers in the sciences in great numbers; thus, many of these students will likely continue working in stem cell research. Irrespective of their career choice, all CIRM-funded alumni will understand the importance of stem cell research, thereby becoming "stem cell ambassadors" who can help others in California understand this work and advocate for continued funding.

**Statement of Benefit to California:** This proposed project will further the educational and scientific careers of high school students from backgrounds underrepresented in the sciences. It will also help research scientists learn how to mentor students from disadvantaged backgrounds. In doing so, this work will both diversify and build the life science workforce in California. Diversifying the scientific field is of critical importance to the state of California: as just one example, a more diverse biomedical workforce has been repeatedly cited as a mechanism for addressing disparities in health and healthcare. Additionally, shortages in the life science workforce from technicians to advanced scientists are predicted in California. This program will help California citizens become a part of this workforce by helping students matriculate to college, complete their undergraduate education, and pursue careers in the sciences.

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**Source URL:** <https://www.cirm.ca.gov/our-progress/awards/ucsf-sep-high-school-intern-program>